MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY 1956

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

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WEATHER BUREAU

FEBRUARY 1956
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.7	62.8	63.2	63.2	16.0	10.8	11.7	15.6	13.3	13.5
2	60.9	58.1	58.2	59.1	19.9	14.8	14.2	19.4	16.3	16.6
3	59.6	59.1	60.7	59.8	19.1	12.9	16.4	18.5	15.0	16.6
4	62.3	62.8	63.8	63.0	19.5	14.6	17.7	18.3	15.3	17.1
5	61.2	58.9	58.0	59.4	20.5	14.4	18.0	19.2	16.7	18.0
6	55.1	53.3	53.2	53.9	19.0	10.2	16.5	18.3	15.3	16.7
7	52.9	53.0	54.0	53.3	15.3	7.4	10.8	10.0	10.2	10.3
8	55.2	55.7	56.3	55.7	13.1	12.9	11.0	12.8	13.2	12.3
9	54.7	54.1	56.7	55.2	14.8	10.3	13.8	14.4	12.9	13.7
10	62.3	63.1	64.8	63.4	15.0	9.1	13.0	14.1	12.6	13.2
11	66.6	65.6	65.3	65.8	15.3	11.8	12.7	15.0	12.2	13.3
12	63.9	62.3	62.8	63.0	18.4	14.2	14.5	17.6	16.7	16.3
13	62.3	60.7	60.1	61.0	19.5	15.6	17.3	18.9	17.9	18.0
14	58.5	55.2	55.4	56.4	26.2	16.9	20.1	21.5	26.0	22.5
15	59.6	59.3	59.4	59.4	17.6	13.9	17.2	16.1	15.0	16.1
16	60.0	60.2	61.4	60.5	17.6	13.4	14.9	16.2	15.2	15.4
17	60.9	61.1	59.8	60.6	17.6	13 6	15.0	17.2	15.5	15.9
18	59.4	58.8	58.6	58.9	20.9	14.9	16.1	20.7	15.7	17.5
19	58.0	56.2	55.2	56.5	22.3	17.8	17.8	21.2	19.2	19.4
20	55.6	57·1	58.4	57.0	22.4	15.2	20.9	16.7	17.8	18.5
21	61.7	61.2	62.5	61.8	19.4	14.0	16.1	19.1	15.3	16.8
22	62.7	61.8	62.1	62.2	18.9	12.8	15.6	18.9	14.2	16.2
23	61.5	61.1	62.1	61.6	17.8	11.7	15.2	17.6	14.1	15.6
24	63.2	63.2	64.3	63.6	17.5	11.9	15.7	17.0	13.6	15.4
25	65.7	65.4	65.5	65.5	19.0	11.8	14.4	18.7	13.6	15.6
26	63.2	61.9	62.2	63.1	20.0	14.6	14.8	19.0	17.4	17.1
27	59.1	57.8	55.1	57.3	19.3	16.2	17.9	16.9	18.3	17.7
28	52.8	54.0	56.9	54.6	19.9	11.6	17.9	17.7	15.7	17.1
29	58.6	58.8	59.7	59.0	17.0	12.3	13.3	16.1	15.0	14.8
30										
31										
	60.11	59.40	59.85	59.79	18.58	13.16	15.53	17.33	15.49	16.11

Barometer, range for month 766.6 mm. — 752.8 mm.
„ 71-yr. average for month 761.982 mm.
Thermometer, range for month 26.2°C — 7.4°C
„ 71-yr. average for month 14.29°C
Rain total for month 124.97 mm.
„ 71-yrs average for month 157.75 mm.
„ Total, Sept. 1st. to end of month 733.94 mm.
„ 71-yrs. average. Sept. 1st. to end of month 722.30 mm.

FEBRUARY 1956

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	11.9	12.1	11.0	11.7	87	68	71	75	2.5	581.0	5.59
2	7.0	8.0	7.4	7.5	44	35	42	40	8.9	549.0	
3	12.1	10.8	9.2	10.7	67	53	54	58	5.9	595.0	0.51
4	7.4	12.8	11.1	10.4	37	61	62	53	2.4	401.0	
5	9.8	13.4	10.7	11.3	48	61	56	55	9.7	190.0	
6	11.2	16.0	12.1	13.1	60	75	68	68	7.5	744.0	
7	9.6	10.9	10.9	10.5	78	88	90	85	0.0	1250.0	45.47
8	9.2	8.7	7.0	8.3	71	61	47	60	0.3	1410.0	45.72
9	5.7	8.7	9.2	7.9	36	53	64	51	1.7	1516.0	3.81
10	7.9	7.8	8.3	8.0	55	51	56	54	3.8	465.0	1.01
11	9.2	9.2	10.1	9.5	61	52	71	61	9.5	375.0	1.52
12	7.4	11.8	7.4	8.9	44	58	39	47	7.2	401.0	
13	10.7	13.4	6.1	10.1	55	61	29	48	3.2	171.0	
14	8.0	9.1	7.1	8.1	34	36	19	30	6.1	504.0	
15	16.3	14.1	14.0	14.8	83	75	80	79	0.0	229.0	
16	13.0	12.6	12.0	12.5	76	69	72	72	0.0	219.0	
17	12.5	14.2	13.5	13.4	72	73	75	73	3.6	42.0	
18	13.6	15.9	15.0	14.8	73	65	86	75	4.8	58.0	
19	12.3	16.0	11.9	13.4	60	63	54	59	7.4	304.0	
20	14.9	13.7	15.9	15.5	59	82	78	73	0.0	909.0	5.59
21	13.1	11.9	11.5	12.2	70	54	69	64	5.8	301.0	1.78
22	10.6	12.4	10.5	11.2	61	56	67	61	8.8	214.0	
23	11.1	12.3	10.1	11.2	65	62	65	64	10.1	356.0	
24	11.1	10.7	9.2	10.3	62	53	61	59	8.3	389.0	3.81
25	8.3	11.4	9.6	9.8	50	53	63	55	10.6	225.0	
26	10.6	12.9	12.7	12.1	61	60	66	62	5.4	266.0	
27	10.8	15.2	15.5	13.8	54	81	73	69	0.0	407.0	1.78
28	17.0	15.4	12.1	14.8	83	76	70	76	3.0	655.0	0.25
29	12.4	11.6	11.1	11.7	81	63	64	69	7.0	562.0	8.13
30											
31											
	10.85	12.24	10.77	11.29	61.6	62.0	62.4	61.9	4.95	492.69	4.31

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10st	9ci-st	0	6.3	3sw	2sw	1sw	slight	Fog. a.m.
2	2ci	10ci	0	4.0	1se	1sw	2sw	light	
3	8st	0	0	2.7	1sw	2sw	1sw	,,	Fog. a.m.
4	10ci	10ci-st	0	6.7	1sw	1sw	1sw	,,	Fog. a.m. D.p.m.
5	9ci	0	0	3.0	1se	1e	1ne	,,	D. p.m.
6	0	10cu-st	8cu-ni	6.0	1sw	1sw	2sw	light	D. a m
7	10st-ni	10ni	10ni	10.0	3w	3sw	4sw	slight	W. p.m
8	10st	10st	10st	10.0	4sw	3sw	4sw	rough	Hail,3.0,6.30.Fog am
9	10st	10cu-st	10st	10.0	4sw	4sw	3sw	,,	Hail, at noon
10	10st	10cu-st	7st	9.0	3w	2w	1w	slight	
11	10ci-st	0	0	3.3	1se	1n	1ne	light	
12	10ci	0	7ci	5.7	1e	1n	1ne	,,	D. a.m
13	10ci	10ci	0	6.7	1se	1ne	1e	,,	D. a.m. p.m.
14	10ci	10ci-st	10st	10.0	1e	1e	2e	,,	D.a.m, Hot wind
15	10st	10st	10st	10.0	1w	1w	1ne	,,	Fog. a. m
16	10st	10st	10st	10.0	1ne	1ne	1e	light	Tr.p.m
17	6ci	10ci-st	0	5.3	1e	1ne	1ne	,,	
18	10ci	10ci	0	6.7	1e	1sw	1ne	,,	D. a.m.p.m.
19	9ci	1cu-st	10st	6.7	1e	1e	1e	,,	D.a.m. p.m. Tr.p.m
20	10ci-st	10ni	10st	10.0	1sw	2sw	3sw	,,	
21	10st	10ci	10st	10.0	1w	1sw	1s	light	
22	7ci	0	10st	5.7	1se	1sw	1se	,,	
23	8ci	8ci	8cu-st	8.0	1e	1n	1n	,,	D. a.m. Tr. p.m.
24	10cu-st	4cu-st	3cu	5.7	2w	1n	1se	slight	
25	0	0	0	0.0	1se	1nw	1ne	light	D. a.m.p.m.
26	10ci	7cu-ci	10st	9.0	1e	1ne	1e	light	D. a.m
27	10st	10st	10st	10.0	1se	1se	1sw	,,	Tr. a. m.
28	10st	10cu-st	7cu	9.0	1ne	2w	3w	slight	
29	9st	10cu-st	10st	9.7	1sw	1sw	2sw	light	Tr. p. m.
30									
31									
	mean			7.22					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	7	7	0	8	5	0	0	29
14:30	4	4	3	1	0	13	3	1	0	29
20:30	1	7	5	2	1	11	2	0	0	29
Total	5	13	15	10	1	32	10	1	0	87

Number of days with rain 13, fog 5, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 13.9